

Abstract:

Method for Compacting a Surface of a Wooden Workpiece and Device Therefor

A method for compacting a surface of a wooden workpiece (1), wherein the addition of a foreign material is to be avoided, is characterized in that the surface (17) of the wooden workpiece (1) - while preventing the entry of oxygen - is heated in at least partial areas by supplying energy to the surface (17) and under pressure until a thermoplastic adhesive substance (3) coming from the wooden workpiece (1) is formed, whereupon the surface (17) and a volume area beneath the surface (17) are compacted under application of pressure while being cooled. (Fig. 7).